

Notice of Allowability

Application No.

09/741,201

Examiner

Lawrence Shrader

Applicant(s)

HILLS, THEODORE S.

Art Unit

2193

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the Appeal Brief filed on 10/22/2004.
2. ☒ The allowed claim(s) is/are 1-10 and 22-25.
3. ☒ The drawings filed on 19 December 2000 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date 31 May 2005
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

DETAILED ACTION

1. This action is responsive to the Applicant's Appeal Brief filed on 10/22/2004.
2. Claims 1 – 5; 11 – 15; and 21 – 25 are allowed in view of the arguments presented in the Appeal Brief filed on 10/22/2004.

Allowable Subject Matter

3. The following is an examiner's statement of reasons for allowance:

Prior art of record taken either singly and/or in combination, does not teach or disclose a method as recited in independent claim 1, a storage medium as recited in independent claim 11, or a transmission medium comprising electrical wiring, cabling, or fiber optics for propagating an embedded signal as recited in independent claim 21 respectively with the following features:

Defining map container objects having keys *comprised of strings* conforming to requirements for identifiers; declaring values of said keys as names qualified by the said map container; and generating executable code to *locate objects that are identified by said keys*, wherein the executable code is executed *after* the compiling or interpreting the source code.

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The closest prior art is Chu:

Chu et al., U.S. Patent 6,356,913, which discloses map container objects having keys composed of identifiers, but does not distinguish between numeric identifiers and string identifiers.

Thus all remaining dependent claims 2 – 5; 12 – 15; and 12 – 15 are also allowed. Claims 6 – 10; 16 – 20; and 26 – 30 were cancelled at the request of the Applicant.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled “Comments on Statement of Reasons for Allowance.”

Examiner's Amendment

4. An examiner's amendment to the record appears below. Should the change and/or additions be unacceptable to the Applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Marisa J. Dubuc, Reg. No. 46,673 on 31 May 2005. The application has been amended as follows:

5. In the claims:

In claim 21, change the following language in the preamble:

From:

“A signal propagated over a propagation medium, the signal encoded with code...”

Change to:

“A transmission medium comprising electrical wiring, cabling, or fiber optics for propagating an embedded signal encoded with code...”

Conclusion

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Lawrence Shrader whose telephone number is (703) 305-8046. The examiner can normally be reached on M-F 08:00-16:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kakali Chaki can be reached on (703) 305-9662. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 746-7239 for regular communications and (703) 746-7238 for After Final communications.

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Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-3900.

Kakali Chaki

Lawrence Shrader
Examiner
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KAKALI CHAKI
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100

May 31, 2005